

JPW



Docket No.: 42597-193226  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Melo et al.

Art Unit: 1633

Application No: 10/714,449

Examiner: S. Kaushal

Confirmation No: 9366

Filed: November 17, 2003

Atty. Docket No: 42597-193226

For: METHOD TO INDUCE NEOVASCULAR  
FORMATION AND TISSUE  
REGENERATION

Customer No:

**26694**

PATENT TRADEMARK OFFICE

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Pursuant to 37 C.F.R § 1.97(e)(1), on information and belief each item of information contained in this Information Disclosure Statement was first cited in a communication from any foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

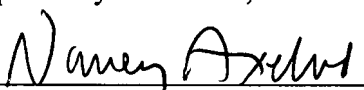
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0261, under Order No. 42597-193226. A duplicate copy of this paper is enclosed.

Dated: July 26, 2007

Respectfully submitted,

By 

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Used in Lieu of PTO/SB/08A/B  
(Based on PTO 04-07 version)

|                                                                                                   |   |    |   |                          |                        |
|---------------------------------------------------------------------------------------------------|---|----|---|--------------------------|------------------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |                        |
|                                                                                                   |   |    |   | Application Number       | 10/714,449-Conf. #9366 |
|                                                                                                   |   |    |   | Filing Date              | November 17, 2003      |
|                                                                                                   |   |    |   | First Named Inventor     | Carlos A. Melo         |
|                                                                                                   |   |    |   | Art Unit                 | 1633                   |
|                                                                                                   |   |    |   | Examiner Name            | S. Kaushal             |
| Sheet                                                                                             | 1 | of | 1 | Attorney Docket Number   | 42597-193226           |

| U.S. PATENT DOCUMENTS |                          |                                          |                                |                                                    |                                                                                 |
|-----------------------|--------------------------|------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |                                                    |                                                                                 |
|                       | AA*                      | US-6,040,157                             | 03-21-2000                     | Hu et al.                                          |                                                                                 |

| FOREIGN PATENT DOCUMENTS |                          |                                                                                   |                                   |                                                    |                                                                                 |                |
|--------------------------|--------------------------|-----------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document                                                           | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |                                                    |                                                                                 |                |
|                          | BA                       | WO-98/32859                                                                       | 07-30-1998                        | Rosengart <i>et al.</i>                            |                                                                                 |                |
|                          | BB                       | WO-00/04928                                                                       | 02-03-2000                        | Shmulewitz <i>et al.</i>                           |                                                                                 |                |
|                          | BC                       | WO-01/13031                                                                       | 02-22-2001                        | Hung <i>et al.</i>                                 |                                                                                 |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS |                          |                                                                                                                                                                                                                                                                                                       |                |
|---------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Examiner<br>Initials            | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.                                       | T <sup>2</sup> |
|                                 | CA                       | Losorso <i>et al.</i> , "Gene Therapy for Myocardial Angiogenesis Initial Clinical Results with Direct Myocardial Injection of phVEGF <sub>165</sub> as Sole Therapy for Myocardial Ischemia", Circulation, American Heart Association, Vol. 98, No. 25, 1998, pp. 2800-2804, XP000946361             |                |
|                                 | CB                       | Takeshita <i>et al.</i> , "Time Course of Increased Cellular Proliferation in Collateral Arteries After Administration of Vascular Endothelial Growth Factor in a Rabbit Model of Lower Limb Vascular Insufficiency", American Journal of Pathology, Vol. 146, No. 6, 1995, pp 1649-1660, XP009084496 |                |
|                                 | CC                       | Supplementary European Search Report                                                                                                                                                                                                                                                                  |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|